BRUHAT BANGALORE MAHANAGARA PALIKE

Project : PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Modified Schedule-B

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
1	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cum	88.19	900.00	Rupees Nine Hundred Only
	Above 125%	Cum	21.46	900.00	Rupees Nine Hundred Only
2	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineerin-charge. In cement mortar	Cum	208.16	1476.00	Rupees One Thousand Four Hundred Seventy Six Only
3	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness. By Manual Means In area of light jungle	Ha	0.00	192664.00	Rupees One Lakh(s) Ninety Two Thousand Six Hundred Sixty Four Only
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work In all kinds of soils Depth upto 1.5 m	Cum	486.46	205.00	Rupees Two Hundred Five Only
	Above 125%	Cum	693.85	205.00	Rupees Two Hundred Five Only
5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:4:8 (M5) Using 40 mm nominal size graded crushed coarse aggregates	Cum	260.95	6135.00	Rupees Six Thousand One Hundred Thirty Five Only
6	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	739.77	6206.32	Rupees Six Thousand Two Hundred Six And Paise Thirty Two Only
7	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (Available Stone)	Cum	104.08	4764.69	Rupees Four Thousand Seven Hundred Sixty Four And Paise Sixty Nine Only

For SMLP Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
8	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates	Cum	613.33	6782.98	Rupees Six Thousand Seven Hundred Eighty Two And Paise Ninety Eight Only
	Above 125%	Cum	86.79	6782.98	Rupees Six Thousand Seven Hundred Eighty Two And Paise Ninety Eight Only
9	Providing and laying heavy duty cobble stones 65mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as per specifications.	Sqm	1840.94	1243.59	Rupees One Thousand Two Hundred Forty Three And Paise Fifty Nine Only
	Above 125%	Sqm	801.09	1243.59	Rupees One Thousand Two Hundred Forty Three And Paise Fifty Nine Only
10	Removing and Resetting of Cobblestone	Sqm	599.17	434.92	Rupees Four Hundred Thirty Four And Paise Ninety Two Only
11	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	30.38	7132.47	Rupees Seven Thousand One Hundred Thirty Two And Paise Forty Seven Only
	Above 125%	Cum	60.03	7132.47	Rupees Seven Thousand One Hundred Thirty Two And Paise Forty Seven Only
12	Removing and resetting of kerb stones	m	685.08	134.94	Rupees One Hundred Thirty Four And Paise Ninety Four Only
13	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete	Nos	4671.00	580.54	Rupees Five Hundred Eighty And Paise Fifty Four Only
14	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	836.15	97.08	Rupees Ninety Seven And Paise Eight Only

For SMLP Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
15	Fabricating, providing and erecting in position of MS. Hot dip galvanized Sq. Hallow Poles of 132*132 Heavy gauge of length 3000mm with MS. Hot dip galvanized grill work as per approved design and drawing of chief architect. Using 12*75mm galvanized flat for alround frame and 20mm*20mm galvanized- forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flat, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading with cost and conveyance of all materials, labour, machinery and incidental charges for the successful complete of the work as per the direction Engineer-in-charge of the work.	Sqm	2194.03	16265.75	Rupees Sixteen Thousand Two Hundred Sixty Five And Paise Seventy Five Only
16	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72*72*4.8mm Sq. GI Pipe frame with top pipe bending in heavy duty hydraolic press with sand packing and hot bending to form double arch as per drawing profile,20mm hot dip galvanised sq.rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged omamental design in between sq.rods and heads at top,middle and bottom. Intermediate supports of 75*12mm and 50*6mm arch bent to hot .dip galvanised flats.the work is inclusive of throughing GI.flat GI sq.rods,placing,welding all the joints including grinding,finishing metal patty,painting wo coats enamel painting.The rate is inclusive of all materials like GI sq.pipe,GI.Sq.rods,GI forged designs etc., heavy duty hinges are made out of 75mm solid sq.block assembled with 20mm dia bearing in the three places for each flop. Heavy duty locking arrangements at low places including cost of labou,pailnting,erecting charges using hoist pulley cranes with all lead and lift,loading,transportation,unloading,scaffolding charges and all other incidental charges for sucessful completion of the work as per directions of the Engineer-in-charge of the work.	Sqm	55.80	22218.70	Rupees Twenty Two Thousand Two Hundred Eighteen And Paise Seventy Only
	Above 125%	Sqm	14.90	22218.70	Rupees Twenty Two Thousand Two Hundred Eighteen And Paise Seventy Only
17	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	258.28	1303.78	Rupees One Thousand Three Hundred Three And Paise Seventy Eight Only
18	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete.	Sqm	90.10	299.01	Rupees Two Hundred Ninety Nine And Paise One Only
19	Executive Bench- Made out of Sadarahalli grey granite stone with hand supports with 3 line finishing with arch/plain design with 100mm slabs. Height 90x Length 1500 width 45 cms (1.50 * 0.45 * 0.90m) (Including lead and lift charges) (Inclusive of all taxes) As per the direction of Engineer Incharge	each	40.00	18940.31	Rupees Eighteen Thousand Nine Hundred Forty And Paise Thirty One Only
20	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work.	Cum	4.98	460.16	Rupees Four Hundred Sixty And Paise Sixteen Only
	Above 125%	Cum	189.29	460.16	Rupees Four Hundred Sixty And Paise Sixteen Only

Proprietor

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Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
21	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	0.00	7488.75	Rupees Seven Thousand Four Hundred Eighty Eight And Paise Seventy Five Only
22	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	19.36	7518.85	Rupees Seven Thousand Five Hundred Eighteen And Paise Eighty Five Only
23	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation / Substructure / Superstructure complete as per Drawing and Technical Specifications.	Tonne	3.85	107945.19	Rupees One Lakh(s) Seven Thousand Nine Hundred Forty Five And Paise Nineteen Only
24	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix :1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	31.73	289.30	Rupees Two Hundred Eighty Nine And Paise Thirty Only
	Above 125%	Sqm	47.50	289.30	Rupees Two Hundred Eighty Nine And Paise Thirty Only
25	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.	Sqm	93.14	3297.81	Rupees Three Thousand Two Hundred Ninety Seven And Paise Eighty One Only
	Above 125%	Sqm	2.61	3297.81	Rupees Three Thousand Two Hundred Ninety Seven And Paise Eighty One Only
26	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.	Sqm	56.45	3517.21	Rupees Three Thousand Five Hundred Seventeen And Paise Twenty One Only

For SMLP Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
27	Artist Custom designed light art sculptures life size various postures made with use of 6mm & 8mm MS sheet metal, fabrication with description of each sculpture. Sculpture lighting with IP67 grade LED RGBW scuplture lights with profile and casing, 24V with DC drivers, waterproof enclosures, accessories, cables, metal base, platform to base holding bolts and nuts, clamps, complete installation at project site as per base platforms, light and sculpture integration. Design to build artworks, sculptor fee, Labour, transportation, installation at predefined site locations.	each	12.00	624418.56	Rupees Six Lakh(s) Twenty Four Thousand Four Hundred Eighteen And Paise Fifty Six Only
28	Artist Custom designed Light art sculpture - social media selfie photobooth made of sheet metal and wood material, duco paint finishing, engraved letters as per approved designs.Design to build artworks, transportation, artist fee, labour, installation, integration selfie lights comprising LED RGBW sculpture lights with IP67 protection, 24V, DC drivers, accessories, wires at predefined site locations	each	0.00	1144767.36	Rupees Eleven Lakh(s) Forty Four Thousand Seven Hundred Sixty Seven And Paise Thirty Six Only
29	Artist custom designed dynamic and colouful 3D LED light Sign (NAMMA YELAHANKA) measuring 16.5 mtrs x 3 mts made up of trimp cap with acrylic sheet with support metal fabrication for each section for firm ground hold, IP67 grade RGBW LED signage lights with capability of creating millions of light combination, programming combinations, 24V with necessary drivers, heat dissipitation body, DMX 512 control, T & I Connectors with dxm cables and splitters, strobe lights, accessories, base plates, power integration, light programming, Design for build artfles, artist fee, deployment at project site, labour, installation, transportation at predefined site locations	each	0.00	5331493.80	Rupees Fifty Three Lakh(s) Thirty One Thousand Four Hundred Ninety Three And Paise Eighty Only
30	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m^2) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	387.43	94.17	Rupees Ninety Four And Paise Seventeen Only
	Above 125%	Sqm	111.27	94.17	Rupees Ninety Four And Paise Seventeen Only
31	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One coats on old work as per specifications and as per directions of Engineer in charge.	Sqm	293.44	88.34	Rupees Eighty Eight And Paise Thirty Four Only
32	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	kg	2068.13	195.13	Rupees One Hundred Ninety Five And Paise Thirteen Only
	Above 125%	kg	2670.52	195.13	Rupees One Hundred Ninety Five And Paise Thirteen Only
33	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineerin-Charge.	kg	262.50	126.20	Rupees One Hundred Twenty Six And Paise Twenty Only
	Above 125%	kg	426.65	126.20	Rupees One Hundred Twenty Six And Paise Twenty Only

For SMLP Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
34	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Columns)	Cum	8.03	7992.60	Rupees Seven Thousand Nine Hundred Ninety Two And Paise Sixty Only
35	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Lintel, Beams, Slab)	Cum	89.34	8719.73	Rupees Eight Thousand Seven Hundred Nineteen And Paise Seventy Three Only
	Above 125%	Cum	16.23	8719.73	Rupees Eight Thousand Seven Hundred Nineteen And Paise Seventy Three Only
36	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) First Floor	kg	13049.94	122.32	Rupees One Hundred Twenty Two And Paise Thirty Two Only
	Above 125%	kg	2568.92	122.32	Rupees One Hundred Twenty Two And Paise Thirty Two Only
37	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. First Floor	Sqm	246.88	1232.92	Rupees One Thousand Two Hundred Thirty Two And Paise Ninety Two Only
38	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	289.88	443.66	Rupees Four Hundred Forty Three And Paise Sixty Six Only
39	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	588.90	315.51	Rupees Three Hundred Fifteen And Paise Fifty One Only
	Above 125%	Sqm	39.20	315.51	Rupees Three Hundred Fifteen And Paise Fifty One Only
40	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m²) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	258.54	95.14	Rupees Ninety Five And Paise Fourteen Only
41	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One coats on old work as per specifications and as per directions of Engineer in charge. First Floor	Sqm	293.44	89.31	Rupees Eighty Nine And Paise Thirty One Only

For GMEI Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone

Project Division B.B.M.P. Project Division B.B.M.P

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
42	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.	Sqm	325.94	3330.81	Rupees Three Thousand Three Hundred Thirty And Paise Eighty One Only
43	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.	Sqm	84.33	3552.16	Rupees Three Thousand Five Hundred Fifty Two And Paise Sixteen Only
44	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications First Floor	cum	0.32	104503.71	Rupees One Lakh(s) Four Thousand Five Hundred Three And Paise Seventy One Only
45	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. First Floor	Nos	3.00	1716.37	Rupees One Thousand Seven Hundred Sixteen And Paise Thirty Seven Only
46	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) First Floor	Sqm	8.97	5866.54	Rupees Five Thousand Eight Hundred Sixty Six And Paise Fifty Four Only
47	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.	kg	2395.54	198.04	Rupees One Hundred Ninety Eight And Paise Four Only
48	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mmx 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) Ground Floor	Sqm	0.00	8370.24	Rupees Eight Thousand Three Hundred Seventy And Paise Twenty Four Only

For SMLP Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
49	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) First Floor	Sqm	0.00	5630.64	Rupees Five Thousand Six Hundred Thirty And Paise Sixty Four Only
50	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineerin-Charge.	kg	185.13	128.15	Rupees One Hundred Twenty Eight And Paise Fifteen Only
51	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Columns)	Cum	8.03	8072.20	Rupees Eight Thousand Seventy Two And Paise Twenty Only
52	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Lintel, Beams, Slab)	Cum	78.87	8806.13	Rupees Eight Thousand Eight Hundred Six And Paise Thirteen Only
53	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) First Floor	kg	13077.03	124.26	Rupees One Hundred Twenty Four And Paise Twenty Six Only
	Above 125%	kg	2030.12	124.26	Rupees One Hundred Twenty Four And Paise Twenty Six Only
54	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. First Floor	Sqm	228.07	1245.54	Rupees One Thousand Two Hundred Forty Five And Paise Fifty Four Only
55	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	289.88	447.54	Rupees Four Hundred Forty Seven And Paise Fifty Four Only

For SMLP Asphalts

Proprietor

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Yelahanka Zone
BBMP, Bangalore - 92

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
56	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	542.63	317.45	Rupees Three Hundred Seventeen And Paise Forty Five Only
57	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m²) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	258.54	96.11	Rupees Ninety Six And Paise Eleven Only
58	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One coats on old work as per specifications and as per directions of Engineer in charge. First Floor	Sqm	293.44	90.28	Rupees Ninety And Paise Twenty Eight Only
59	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.	Sqm	268.32	3363.82	Rupees Three Thousand Three Hundred Sixty Three And Paise Eighty Two Only
60	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.	Sqm	40.02	3588.08	Rupees Three Thousand Five Hundred Eighty Eight And Paise Eight Only
61	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications First Floor	Cum	0.32	105548.29	Rupees One Lakh(s) Five Thousand Five Hundred Forty Eight And Paise Twenty Nine Only
62	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. First Floor	Nos	3.00	1733.85	Rupees One Thousand Seven Hundred Thirty Three And Paise Eighty Five Only
63	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) First Floor	Sqm	8.97	5923.82	Rupees Five Thousand Nine Hundred Twenty Three And Paise Eighty Two Only
64	Providing a nd fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.	kg	3739.23	199.98	Rupees One Hundred Ninety Nine And Paise Ninety Eight Only
	Above 125%	kg	79.85	199.98	Rupees One Hundred Ninety Nine And Paise Ninety Eight Only

For SMLP Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
65	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) Ground Floor	Sqm	0.00	8453.73	Rupees Eight Thousand Four Hundred Fifty Three And Paise Seventy Three Only
66	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) First Floor	Sqm	0.00	5685.98	Rupees Five Thousand Six Hundred Eighty Five And Paise Ninety Eight Only
67	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineerin-Charge.	kg	209.01	129.12	Rupees One Hundred Twenty Nine And Paise Twelve Only
68	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Columns)	Sqm	0.00	8150.84	Rupees Eight Thousand One Hundred Fifty And Paise Eighty Four Only
69	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Lintel, Beams, Slab)	Sqm	19.78	8892.53	Rupees Eight Thousand Eight Hundred Ninety Two And Paise Fifty Three Only
70	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) First Floor	kg	0.00	125.23	Rupees One Hundred Twenty Five And Paise Twenty Three Only

For SMLP Infrastructures

Proprietor

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
71	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	kg	1591.20	161.15	Rupees One Hundred Sixty One And Paise Fifteen Only
72	Supply of self supporting Metecno made Glamet 30mm thick insulated sandwich PUF Panels for Roofingmade out off CFC free factory injected Polyurethane foam in between two metal sheets. The thickness ofthe panel shall form 30mm outer excluding profile The panel should manufactured in continous lineprocess Externaltop sheet shall be trapezoidal sheet with 38mm crest & distance between two crest willbe 333.3mm pitch made out of 0.4TCT colour coated Galvanized steel having 16-20micron primer coat	Sqm	30.60	4370.54	Rupees Four Thousand Three Hundred Seventy And Paise Fifty Four Only
73	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. First Floor	Sqm	74.30	1257.19	Rupees One Thousand Two Hundred Fifty Seven And Paise Nineteen Only
74	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	181.13	453.36	Rupees Four Hundred Fifty Three And Paise Thirty Six Only
75	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	64.25	320.36	Rupees Three Hundred Twenty And Paise Thirty Six Only
76	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m^2) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. First Floor	Sqm	181.13	97.08	Rupees Ninety Seven And Paise Eight Only
77	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One coats on old work as per specifications and as per directions of Engineer in charge. First Floor	Sqm	64.25	91.26	Rupees Ninety One And Paise Twenty Six Only
78	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.	Sqm	0.00	3396.83	Rupees Three Thousand Three Hundred Ninety Six And Paise Eighty Three Only
79	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete.	Sqm	0.00	3624.00	Rupees Three Thousand Six Hundred Twenty Four Only

For SMLP Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
80	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications First Floor	Cum	0.10	106583.16	Rupees One Lakh(s) Six Thousand Five Hundred Eighty Three And Paise Sixteen Only
81	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. First Floor	Nos	1.00	1751.32	Rupees One Thousand Seven Hundred Fifty One And Paise Thirty Two Only
82	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) First Floor	Sqm	2.05	5983.04	Rupees Five Thousand Nine Hundred Eighty Three And Paise Four Only
83	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc.	kg	2847.07	201.93	Rupees Two Hundred One And Paise Ninety Three Only
84	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) Ground Floor	Sqm	0.00	8370.24	Rupees Eight Thousand Three Hundred Seventy And Paise Twenty Four Only
85	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) First Floor	Sqm	0.00	5742.28	Rupees Five Thousand Seven Hundred Forty Two And Paise Twenty Eight Only
86	Supplying heavy gauge PVC conduit pipe ..... mm dia.....mm thick confirming to IS 2509 with suitable size bends, metal/PVC Junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20 mm dia 2 mm thick	m	150.00	69.90	Rupees Sixty Nine And Paise Ninety Only
87	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall **6 Way**	each	21.00	242.70	Rupees Two Hundred Forty Two And Paise Seventy Only
88	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box **6Module**	each	21.00	200.96	Rupees Two Hundred And Paise Ninety Six Only

For SMI P...

Executive Engineer
Project Division
Yelahanka Zone

Proprietor

Cash Rs. ..... Dated

and Rs. 29560.00 by Adjustment
Executive Engineer

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
89	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.**6A One Way Switch**	each	140.00	100.96	Rupees One Hundred And Paise Ninety Six Only
90	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.**6A Three Way socket**	each	24.00	186.39	Rupees One Hundred Eighty Six And Paise Thirty Nine Only
91	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.**Stepped Fan Regulator Two Module**	each	36.00	359.20	Rupees Three Hundred Fifty Nine And Paise Twenty Only
92	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.. **Short point upto 3m from tapping point to out let via switch box**	point	15.00	287.36	Rupees Two Hundred Eighty Seven And Paise Thirty Six Only
93	Supplying and fixing metal Fan box with Round Hook.	each	36.00	187.36	Rupees One Hundred Eighty Seven And Paise Thirty Six Only
94	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments **1 mm2**	m	180.00	21.36	Rupees Twenty One And Paise Thirty Six Only
95	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments **1.5 mm2**	m	180.00	30.09	Rupees Thirty And Paise Nine Only
96	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting. Made out of 14 SWG M.S enclosure. **Single Door 4 Way SP & N**	each	7.00	1263.98	Rupees One Thousand Two Hundred Sixty Three And Paise Ninety Eight Only
97	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6-**32Amps SP**	each	7.00	598.98	Rupees Five Hundred Ninety Eight And Paise Ninety Eight Only
98	Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board. **16-25Amps 2Pole**	each	7.00	2903.66	Rupees Two Thousand Nine Hundred Three And Paise Sixty Six Only
99	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C	each	3.00	532.00	Rupees Five Hundred Thirty Two Only
100	Supplying of .....feet -PVC Batten with integrated LED tube .... W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V@ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. **LED light fitting 1 x 4' - 20/22 W**	each	80.00	567.92	Rupees Five Hundred Sixty Seven And Paise Ninety Two Only
101	Fixing all types and all capacities of fluorescent /false ceiling / spot light / CFL / LED fittings indoor on the wall/ ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clA. **On wall/ ceiling / Rafter / Girders**	each	80.00	136.88	Rupees One Hundred Thirty Six And Paise Eighty Eight Only
102	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc, for operation on 230 V, 50 cycles. Single phase AC supply conforming to ISS-374- 1979 and with double ball bearing system. **48" Sweep (1200 mm) Regular model**	each	36.00	2380.00	Rupees Two Thousand Three Hundred Eighty Only
103	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S'' hook with fan regulator to the existing board together with supplying and fixing 5 A. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	each	36.00	181.80	Rupees One Hundred Eighty One And Paise Eighty Only

For SMLP Asphalts EIRL

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 9

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
E1	Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws.The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means of self expanding screws." with 4mm tinted glass with gaurd bars For First Floor	**Sqm**	40.60	7525.61	Rupees Seven Thousand Five Hundred Twenty Five And Paise Sixty One Only
E2	"Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws.The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means of self expanding screws." with 4mm tinted glass with gaurd bars For Second Floor	**Sqm**	40.60	7534.04	Rupees Seven Thousand Five Hundred Thirty Four And Paise Four Only
E3	Providing and laying 100mm thick pre-cast cover slabs over drains & Rain pit of width not exceeding 800 mm using M20 concrete reinforced with Micro Alloyed High carbon steel with 3mm - 3ply wired steel @ 2.00 kg/m2, slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in the Cover slabs wherever necessary for easydrainage of surface water including of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete. Approved Data rate	**Sqm**	40.00	2156.54	Rupees Two Thousand One Hundred Fifty Six And Paise Fifty Four Only
E4	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification (V-II, P.No-190, I No-21.10 of PWD SR 2021-22)	**Sqm**	1447.86	272.48	Rupees Two Hundred Seventy Two And Paise Forty Eight Only
E5	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	**Cum**	59.01	2691.01	Rupees Two Thousand Six Hundred Ninety One And Paise One Only

For SMLP Asphalts

Proprietor

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sl. No.	Description of work	Unit	Quantity	Rate in Rs.	
				In Figures	In Words
E6	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. [Volume ii Pg No 83 It No 11.28 of PWD SR 2021-22]	Kg	316.80	572.44	Rupees Five Hundred Seventy Two And Paise Forty Four Only

For SMLP Asphalts

Proprietor

Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92